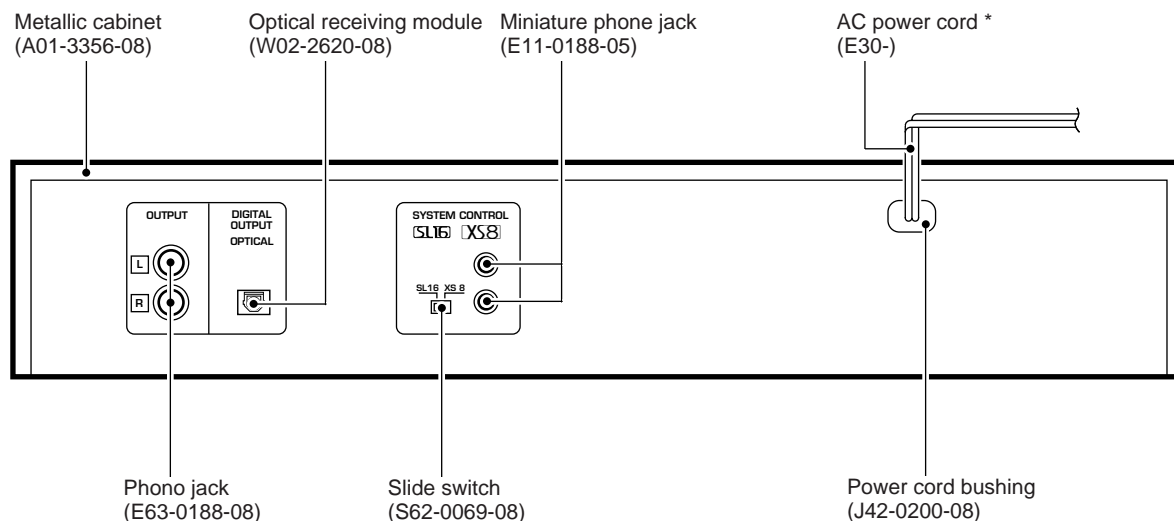
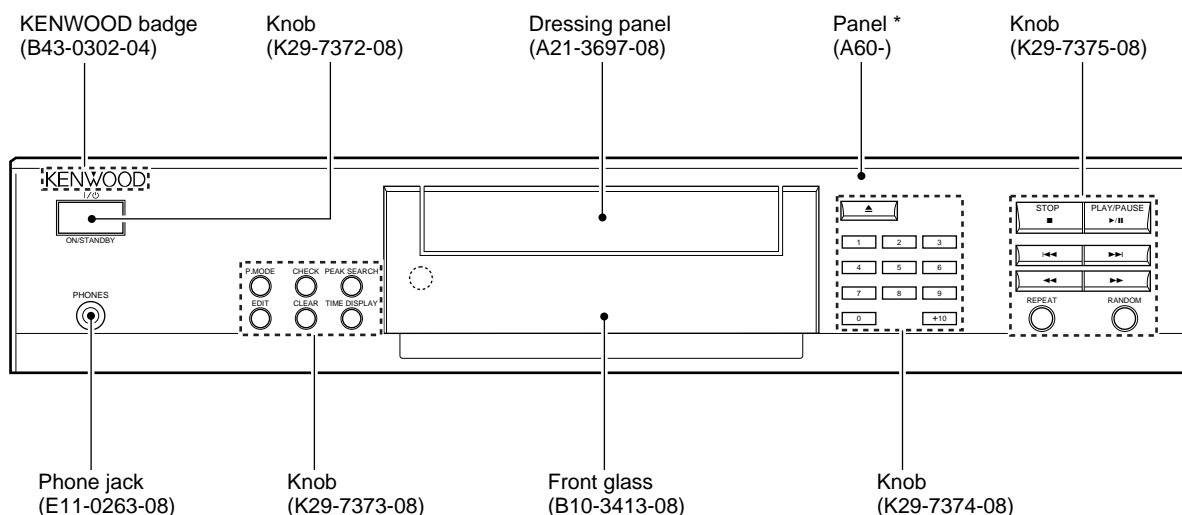


DPF-1010/1010E/2010/ 2010E/3010/3010E

SERVICE MANUAL



Illust is DPF-3010.

* Refer to parts list on page 14.

In compliance with Federal Regulations, following are reproductions of labels on, or inside the product relating to laser product safety.

Refer to DP-3080MKII/3090 Service manual (B51-5349-00), if you require disassembly for repair.

KENWOOD-Corp. certifies this equipment conforms to DHHS Regulations No. 21 CFR 1040. 10, Chapter 1, Subchapter J.

**DANGER : Laser radiation when open and interlock defeated.
AVOID DIRECT EXPOSURE TO BEAM.**

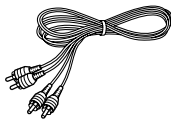
CONTENTS / ACCESSORIES

Contents

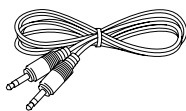
CONTENTS/ACCESSORIES	2	SCHEMATIC DIAGRAM	7
CIRCUIT DESCRIPTION	3	EXPLODED VIEW	12
ADJUSTMENT	4	PARTS LIST	14
PC BOARD	5	SPECIFICATIONS	Back cover

Accessories

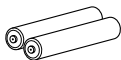
Audio cord (1)
(E30-2841-08)



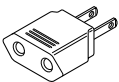
System control cord (1)
(E30-2733-05)



Batteries (R6/AA) (2)



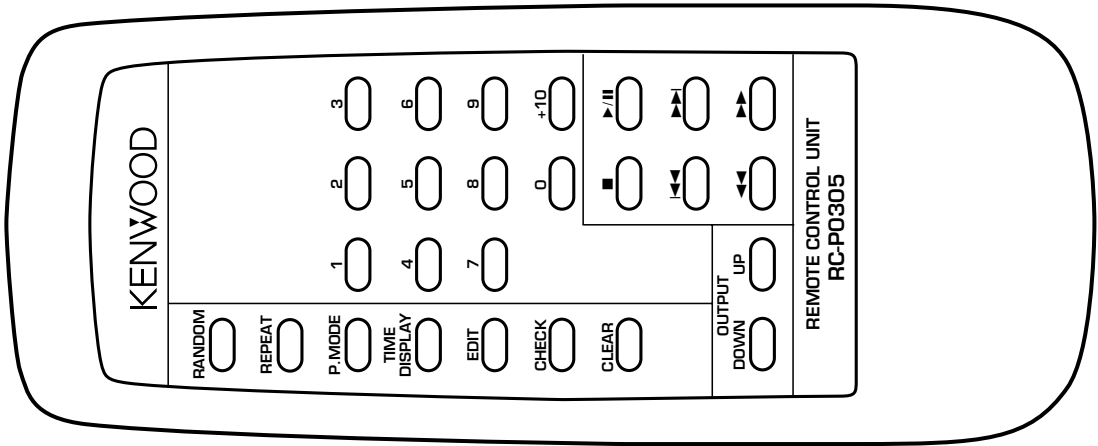
AC plug adaptor (1)
(E03-0115-05)



Use to adapt the plug on the power cord to the shape of the wall outlet.
(Accessory only for regions where use is necessary.)

Remote control unit (1)
(A70-1181-08) : RC-P0305

Battery cover : (A09-0356-08)



DPF-1010/1010E/2010/2010E/3010/3010E







CIRCUIT DESCRIPTION

1. Microprocessor : CXP82324 (MAIN unit : IC601)

1-1 Pin description

Pin No.	Pin name	I/O	Description
1	GFS	I	NOT USED
2	RMC	I	REMOCON INPUT PORT
3-5	PE5~7	–	NOT USED
6	MUTE	O	DIGITAL MUTE (ON : "H") DPF-1010/2010 ONLY
7	MLEN	O	TC9423F LATCH CONTROL
8	MCK	O	TC9423F CLOCK CONTROL
9	SENS	I	SENSE INPUT FROM CXD2587Q
10	MDT	O	TC9423F DATA CONTROL
11	SQCK	O	CLOCK TO READ Q_DATA
12	SUBQ	I	Q_DATA INPUT PORT
13	PB7	O	NOT USED
14-17	KR0-KR3	I	KEY INPUT PORT
18	OPEN_M	O	OPEN MOTOR (ACTIVE "L")
19	CLOSE_M	O	CLOSE MOTOR (ACTIVE "L")
20	MON	O	SPINDLE MOTOR ON "H"
21	PC7	O	NOT USED
22	DATA	O	DATA OUT TO CXD2587Q
23	XLT	O	LATCH OUT TO CXD2587Q
24	CLK	O	CLOCK OUT TO CXD2587Q
25	FOK	I	FOCUS OK INPUT PORT
26	LDON	O	LASER OUTPUT (ON : "L")
27	A_MUTE	O	ANALOGUE MUTE (ON : "H")
28	XRST	O	IC RESET PORT
29	PA7	I	OPTION L : DPF-1010/2010 H : DPF-3010
30	RESET	–	(RESET)
31	XI	–	(XTAL1) 4.19 MHz
32	XO	–	(XTAL0) 4.19 MHz
33	Vss	–	(GND)
34-46	–	O	NOT USED
47-57	SEG11~SEG1	O	FL SEGMENT PORT (SEG11~SEG1) / KEY SCAN KS10~KS4 (48PIN~54PIN)
58-61	–	O	NOT USED
62-70	G9-G1	O	FL DIGIT PORT
71	Vfdp	–	FL DRIVER POWER (-26V)
72	Vdd	–	(+5V)
73	NC	–	CONNECTED TO Vdd
74	FED_SW	I	LIMIT SWITCH (ON : "L")
75	MODE_SW	I	8/16BIT (L : 8BIT , H : 16BIT)
76	S_DATA	I/O	SYSTEM SERIAL DATA
77	S_BUSY	I/O	SYSTEM SERIAL BUSY
78	SCCR	I	SCOR FROM CXD2587
79	OP_SW	I	OPEN SWITCH (ON : "L")
80	CL_SW	I	CLOSE SWITCH (ON : "L")

2. Key matrix

	KS10 (48pin)	KS9 (49pin)	KS8 (50pin)	KS7 (51pin)	KS6 (52pin)	KS5 (53pin)	KS4 (54pin)
KR0 (14pin)	2	4	3		6	5	1
KR1 (15pin)	8	10	REPEAT	—	7	0	9
KR2 (16pin)			STOP	RANDOM			
KR3 (17pin)	EDIT	CLEAR	TIME	—	PEAK SEARCH	CHECK	PROGRAM

DPF-1010/1010E/2010/2010E/3010/3010E

ADJUSTMENT

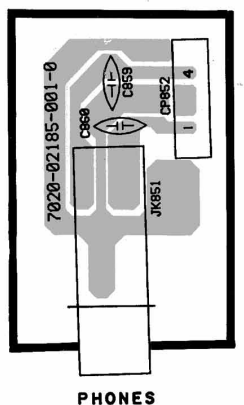
No.	ITEM	INPUT SETTING	OUTPUT SETTING	PLAYER SETTING	ALIGNMENT POINT	ALIGN FOR	FIG.
SET THE TEST DISC TO DISC NO SONY YEDS-18. (TYPE4)							
1	FOCUS OFFSET	TEST DISC TYPE 4	Connect an oscilloscope to TP201 RF (PIN 5) VC (PIN2)	PLAY	VR201	Optimum eye pattern	

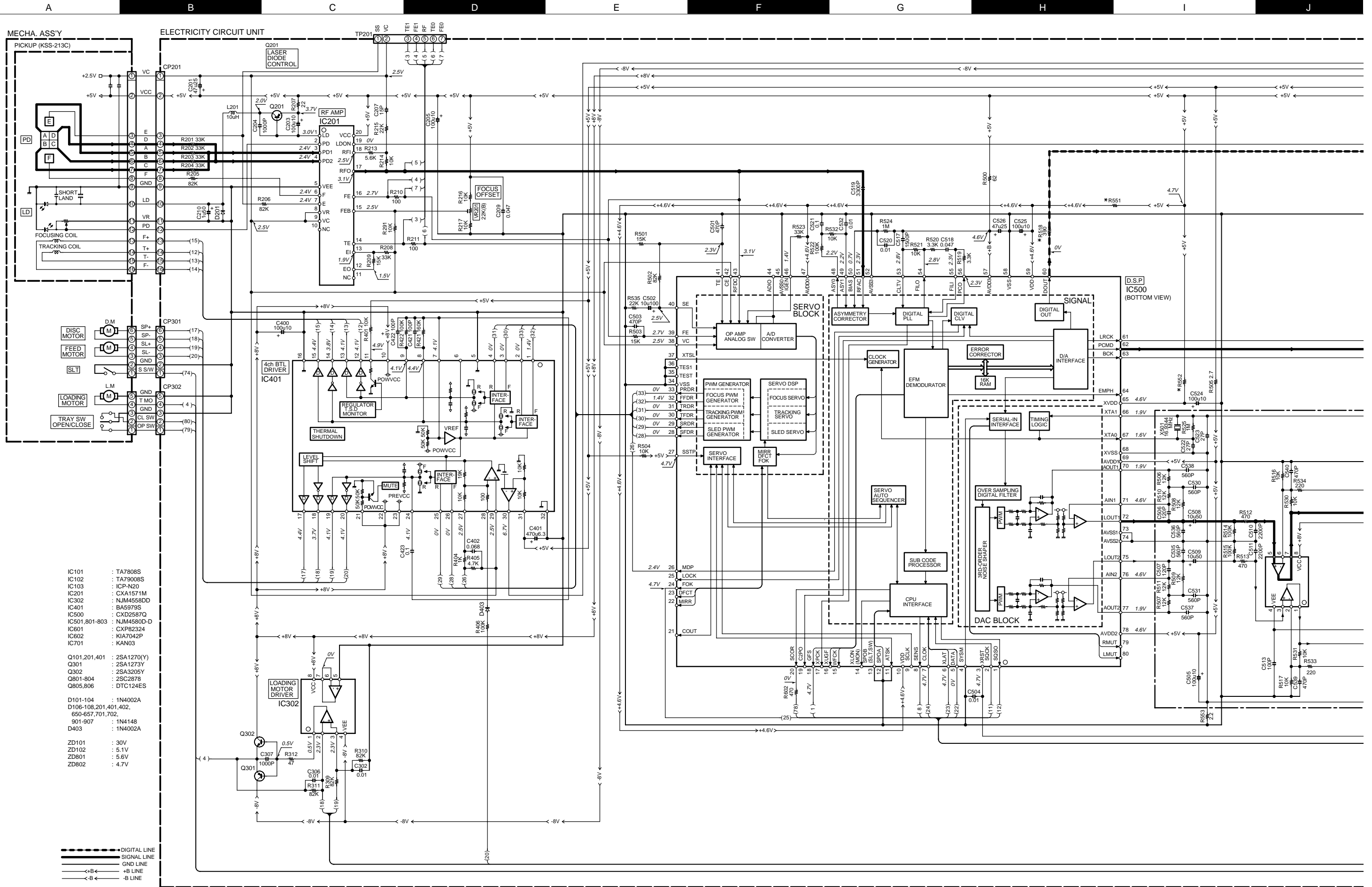
Note:

Type 4 disc : SONY YEDS-18 Test Disc or equivalent.

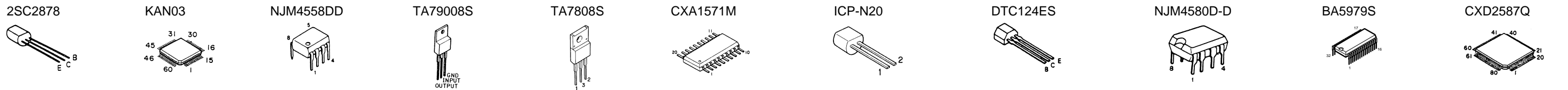
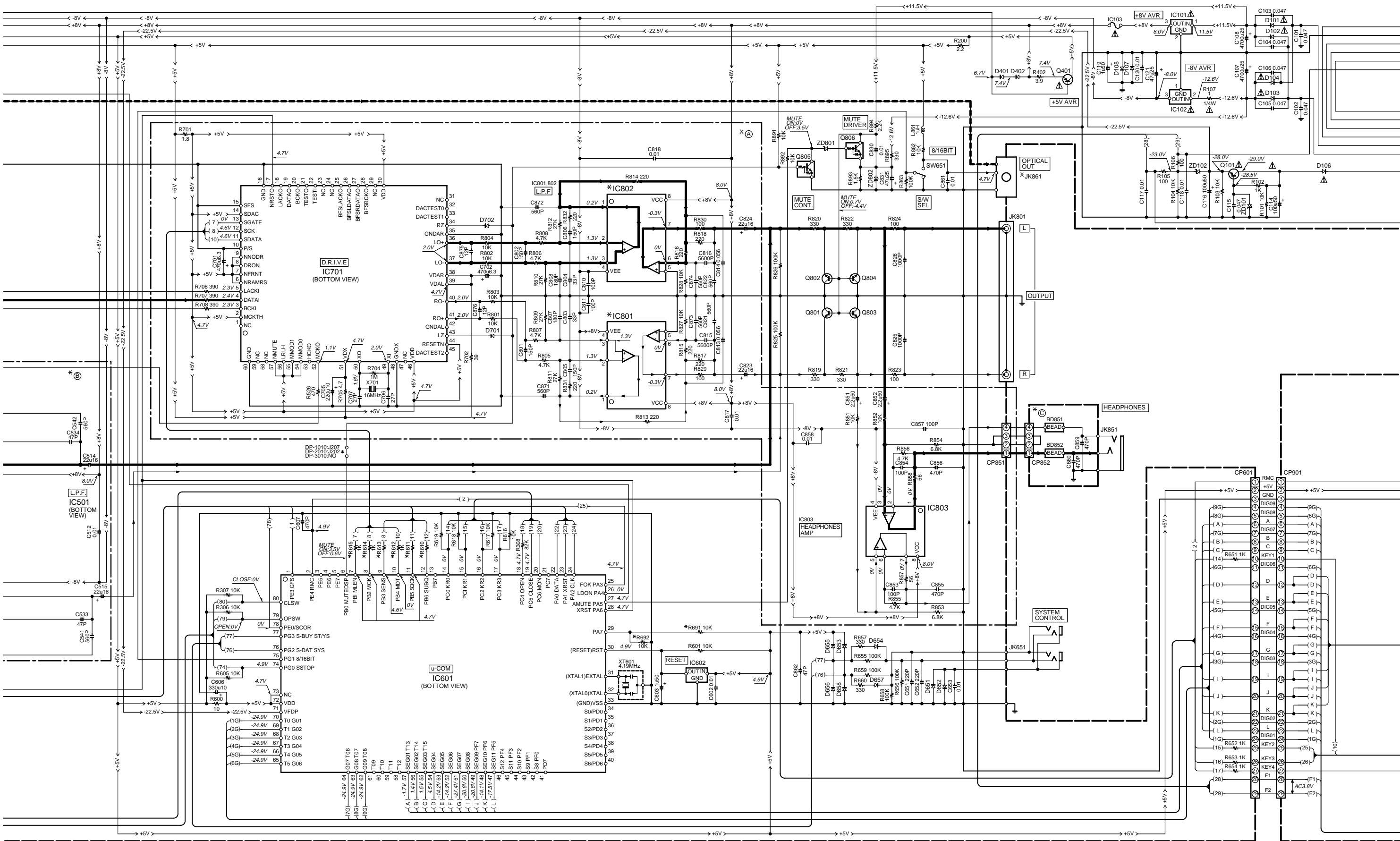
LPF: Around 47 kΩ+ 390 pF or so.

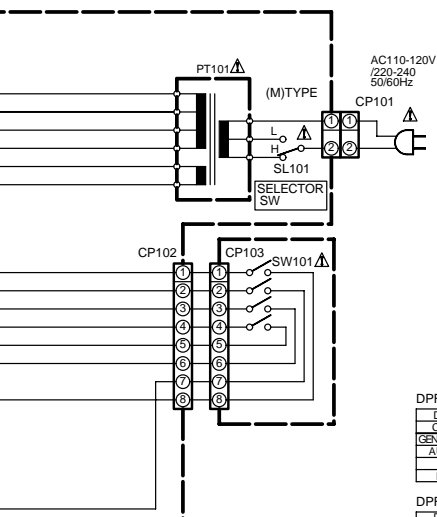
Bar Number	Relative Height
1	Tallest
2	Second tallest
3	Third tallest
4	Fourth tallest
5	Fifth tallest
6	Sixth tallest
7	Shortest





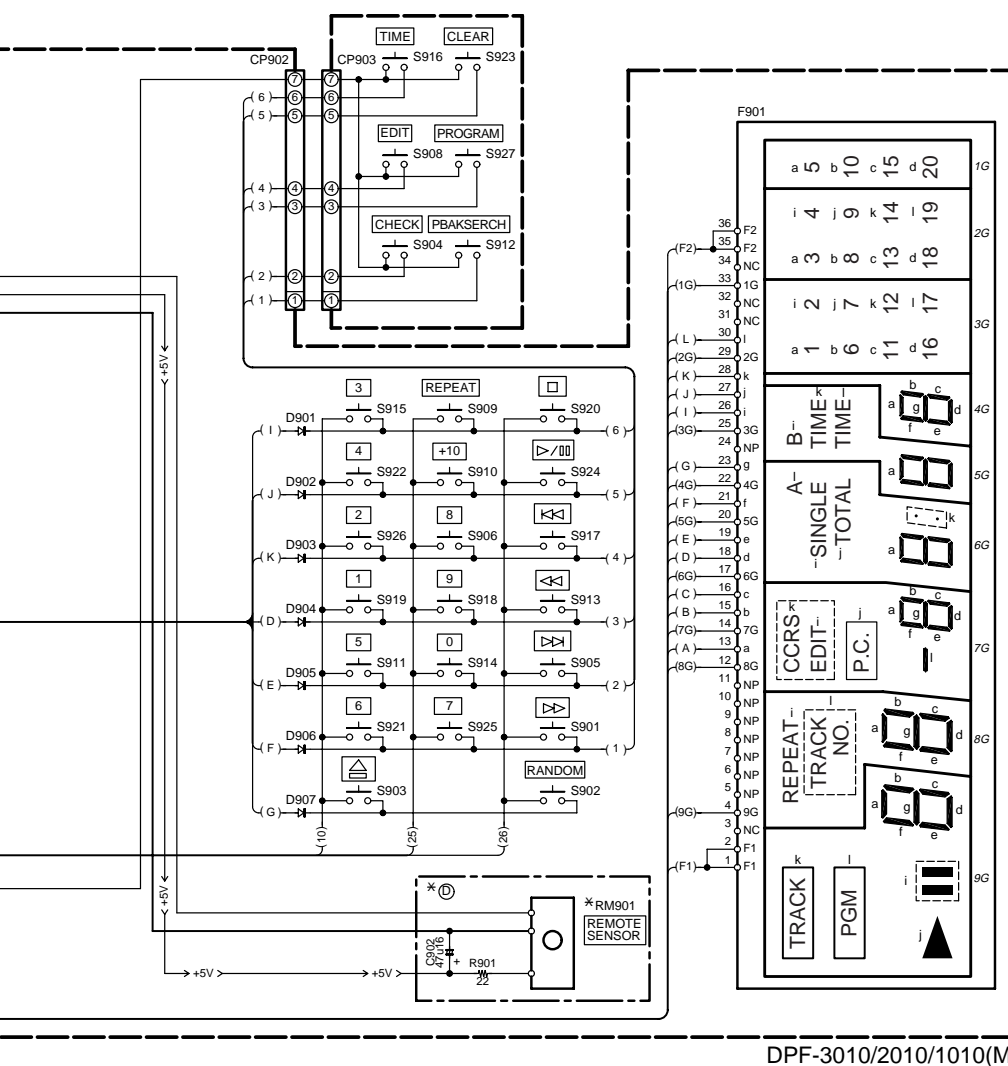
DIGITAL LINE
SIGNAL LINE
GND LINE
+B LINE
-B LINE





CAUTION: For continued safety, replace safety critical components only with manufacturer's recommended parts (refer to parts list). ⚠ indicates safety critical components. For continued protection against risk of fire, replace only with same type and rating fuse(s). To reduce the risk of electric shock, leakage-current or resistance measurements shall be carried out (exposed parts are acceptably insulated from the supply circuit) before the appliance is returned to the customer.

The DC voltage is an actual reading measured with a high impedance type voltmeter. The measurement value may vary depending on the measuring instruments used or on the product. Refer to the voltage during PLAY unless otherwise specified; The value shown in () is the voltage measured at the moment of STOP.

[illegible][illegible][illegible]

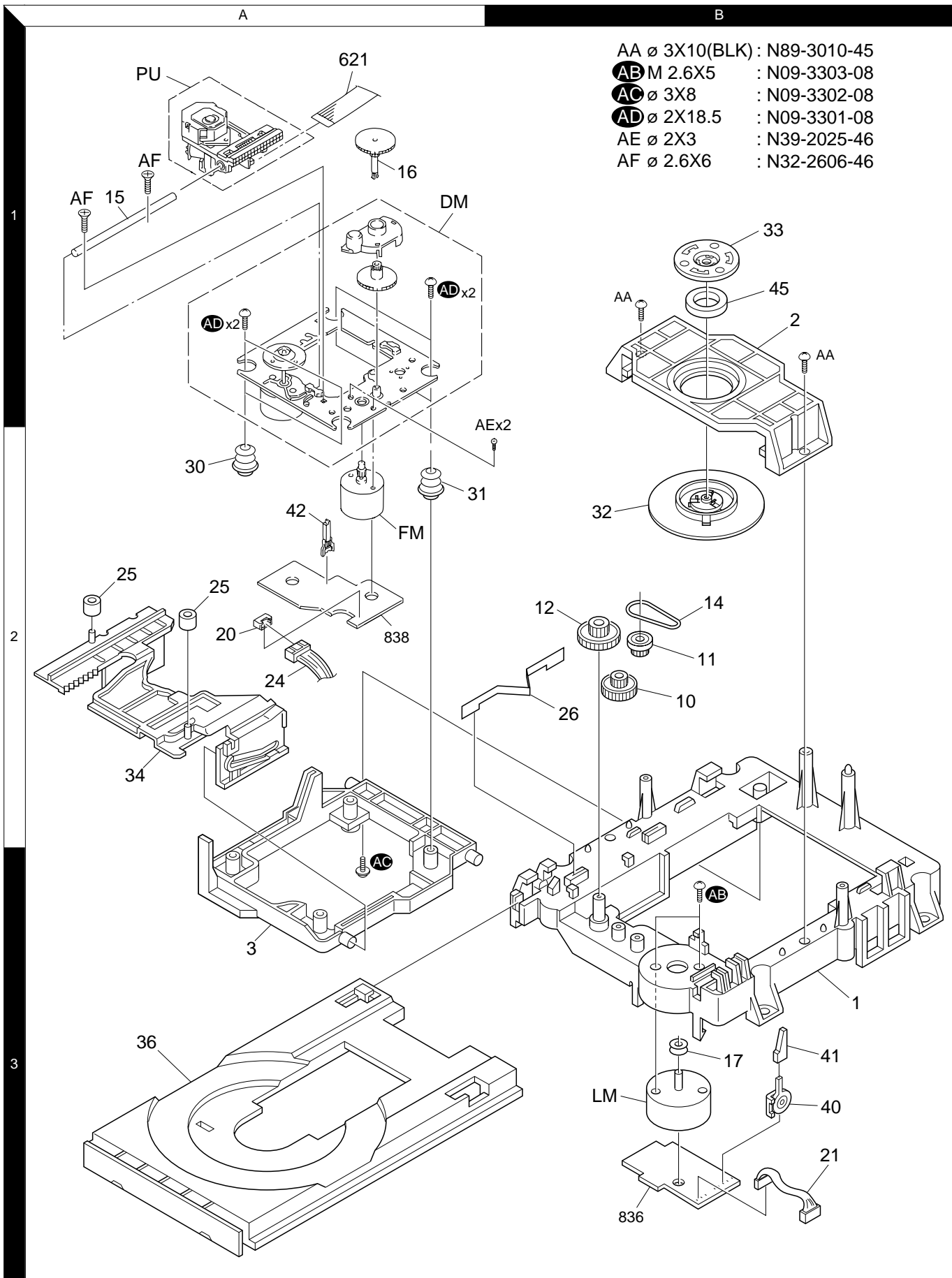
DPF-3010/2010/1010(M)

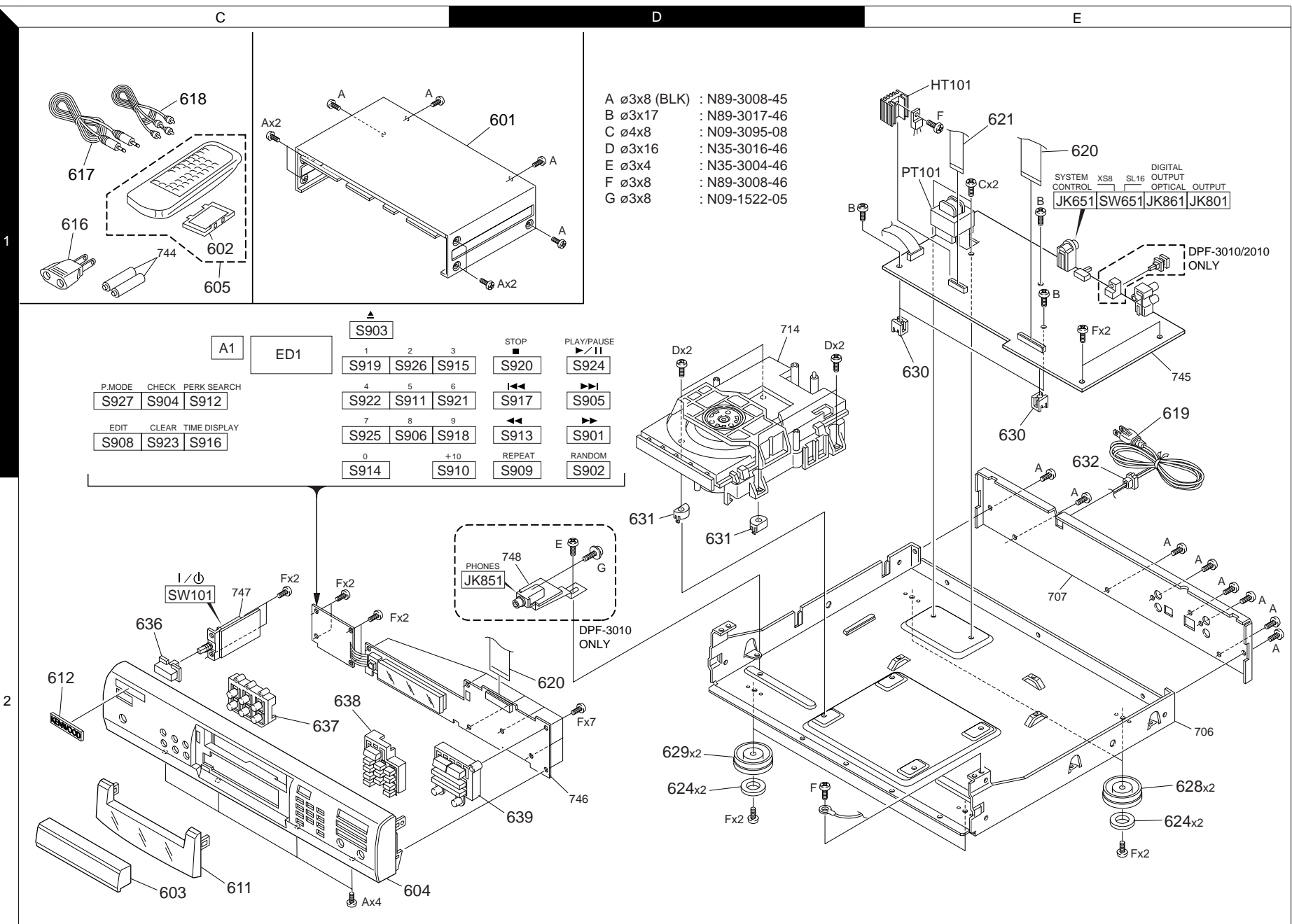
DPF-1010/1010E/2010/2010E/3010/3010E

Y22-7612-71

KENWOOD

EXPLODED VIEW (MECHANISM)





* New Parts
Parts without **Parts No.** are not supplied.
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Teile ohne **Parts No.** werden nicht geliefert.

1

Ref. No	Add-ress	New Parts	Parts No.	Description	Desti-nation	Re-marks
DPF-1010/2010/3010						
601	1D		A01-3356-08	METALLIC CABINET		
602	1C		A09-0356-08	BATTERY COVER		
603	2C	*	A21-3697-08	DRESSING PANEL		
604	2C	*	A60-1488-08	PANEL	DPF-3010	3
604	2C	*	A60-1489-08	PANEL	DPF-2010	2
604	2C	*	A60-1490-08	PANEL	DPF-1010	1
605	1C		A70-1181-08	REMOCON	(RC-P0305)	
611	2C	*	B10-3413-08	FRONT GLASS		
612	2C		B43-0302-04	KENWOOD BADGE		
-			B46-0310-03	WARRANTY CARD		
-		*	B60-3730-08	INST MANUAL	ENGLISH	ET
-		*	B60-3731-08	INST MANUAL	FRENCH/ITALIAN	TEMX
-		*	B60-3732-08	INST MANUAL	DUTCH/GERMAN	E
-		*	B60-3733-08	INST MANUAL	SPANISH	EM
-		*	B60-3734-08	INST MANUAL	TAIWANESE	M
-			H25-1601-08	PROTECTION BAG (260X390)		
-			550000017000	LABEL		
-			550001593000	LABEL(LASER CAUTION)		
616	1C		E03-0115-05	AC PLUG ADAPTOR	M	
617	1C		E30-2733-05	SYSTEM CONTROL CORD		
618	1C		E30-2841-08	AUDIO CORD		
619	1E		E30-2872-08	AC POWER CORD	X	
619	1E		E30-2873-08	AC POWER CORD	EM	
619	1E	*	E30-2888-08	AC POWER CORD	T	
620	1E,1D		E35-2198-08	FLAT CABLE (29P)		
621	1E	*	E35-2222-08	FLAT CABLE (16P)		
-		*	H10-7506-08	POLYSTYRENE FOAMED FIXTURE		
-		*	H25-1634-08	PROTECTION BAG (700X650)		
-		*	H50-2857-08	ITEM CARTON CASE	3010	E 3
-		*	H50-2858-08	ITEM CARTON CASE	3010	T 3
-		*	H50-2859-08	ITEM CARTON CASE	2010	E 2
-		*	H50-2860-08	ITEM CARTON CASE	2010	TX 2
-		*	H50-2861-08	ITEM CARTON CASE	2010	M 2
-		*	H50-2862-08	ITEM CARTON CASE	1010	E 1
-		*	H50-2863-08	ITEM CARTON CASE	1010	TX 1
-		*	H50-2864-08	ITEM CARTON CASE	1010	M 1
624	2D		G11-2265-08	FOOT(CUSHION)		
628	2E		J02-1166-08	FOOT(ABS BK)		
629	2D		J02-1421-08	FOOT(STAMPING)		
630	1E		J19-5725-08	PCB SUPPORTER		
631	2D	*	J32-0340-08	FOOT(MECHA)		
632	1E		J42-0200-08	POWER CORD BUSHING		
636	2C	*	K29-7372-08	KNOB(POWER)		
637	2C	*	K29-7373-08	KNOB(FUNCTION)		
638	2C	*	K29-7374-08	KNOB(10KEY)		
639	2D	*	K29-7375-08	KNOB(PLAY)		
C			N09-3095-08	SCREW TAP TITE 4X8ZN		
ELECTRIC PARTS						
C100-106			CK45FF1H473Z	CERAMIC	0.047UF Z	
C107,108			CE04KW1E471M	ELECTRO	470UF 25WV	

L : Scandinavia K : USA P : Canada R : Mexico C : China I : Malaysia
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2

Ref. No	Add-ress	New Parts	Parts No.	Description	Desti-nation	Re-marks
C114			CE04KW1H101M	ELECTRO	100UF	50WV
C115			CK45FF1H473Z	CERAMIC	0.047UF	Z
C116			CE04KW1H101M	ELECTRO	100UF	50WV
C117,118			CK45FF1H103Z	CERAMIC	0.010UF	Z
C119			CE04KW1H010M	ELECTRO	1.0UF	50WV
C120			CK45FF1H103Z	CERAMIC	0.010UF	Z
C121			CE04KW1E470M	ELECTRO	47UF	25WV
C201			CE04KW1E470M	ELECTRO	47UF	25WV
C203			CE04KW1A101M	ELECTRO	100UF	10WV
C204			CK45FF1H102K	CERAMIC	1000PF	K
C205			CE04KW1A101M	ELECTRO	100UF	10WV
C207			CC45FSL1H150J	CERAMIC	15PF	J
C209			CK45FF1H473Z	CERAMIC	0.047UF	Z
C210			CE04KW1H010M	ELECTRO	1.0UF	50WV
C302			CK14B1H103K	CERAMIC	AXIAL 0.010UF	K
C306			CK14B1H103K	CERAMIC	AXIAL 0.010UF	K
C307			C91-0757-05	CERAMIC	1000PF	K
C400			CE04KW1A101M	ELECTRO	100UF	10WV
C401			CE04KW0J471M	ELECTRO	470UF	6.3WV
C402			CQ92FM1H683J	MYLAR	0.068UF	J
C421,422			CC45FSL1H101J	CERAMIC	100PF	J
C423			CQ92FM1H104J	MYLAR	0.10UF	J
C501			CC45FSL1H471J	CERAMIC	470PF	J
C502			CE04KW2A100M	ELECTRO	10UF	100WV
C503			CC45FSL1H471J	CERAMIC	470PF	J
C504			CK45FF1H103Z	CERAMIC	0.010UF	Z
C505			CE04KW1A101M	ELECTRO	100UF	10WV
C506,507			CC45FSL1H121J	CERAMIC	120PF	J
C508,509			CE04KW1H100M	ELECTRO	10UF	50WV
C510,511			CQ92FM1H222J	MYLAR	2200PF	J
C512			CK45FF1H103Z	CERAMIC	0.010UF	Z
C513			CC45FSL1H101J	CERAMIC	100PF	J
C514,515			CE04KW1C220M	ELECTRO	22UF	16WV
C517			CQ92FM1H152J	MYLAR	1500PF	J
C518			CQ92FM1H473J	MYLAR	0.047UF	J
C519			CQ92FM1H332J	MYLAR	3300PF	J
C520			CK45FF1H103Z	CERAMIC	0.010UF	Z
C521			CQ92FM1H104J	MYLAR	0.10UF	J
C522,523			CC45FSL1H270J	CERAMIC	27PF	J
C524,525			CE04KW1A101M	ELECTRO	100UF	10WV
C526			CE04KW1E470M	ELECTRO	47UF	25WV
C530,531			CK45FB1H561K	CERAMIC	560PF	K
C532			CQ92FM1H103J	MYLAR	0.010UF	J
C533,534			CC45FSL1H470J	CERAMIC	47PF	J
C535-538			CK45FB1H561K	CERAMIC	560PF	K
C539,540			CC45FSL1H471J	CERAMIC	470PF	J
C541,542			CK45FB1H561K	CERAMIC	560PF	K
C602			CK45FF1H103Z	CERAMIC	0.010UF	Z
C603			CE04KW1H010M	ELECTRO	1.0UF	50WV
C606			CE04KW1A331M	ELECTRO	330UF	10WV
C607			CK14DB1H471K	CERAMIC	470PF	K
C651,652			C91-0749-05	CERAMIC	220PF	K
C653			CK45FF1H103Z	CERAMIC	0.010UF	Z
C701,702			CE04KW0J471M	ELECTRO	470UF	6.3WV
C705			CE04KW1A221M	ELECTRO	220UF	10WV

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PARTS LIST

DPF-1010/1010E/2010/2010E/3010/3010E

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3

Ref. No	Add-ress	New Parts	Parts No.	Description	Desti-nation	Re-marks
C706,707 C801,802 C803,804 C805,806 C807,808			CC45FSL1H270J CC45FSL1H151J CC45FSL1H330J CC45FSL1H151J CC45FSL1H181J	CERAMIC 27PF J CERAMIC 150PF J CERAMIC 33PF J CERAMIC 150PF J CERAMIC 180PF J		3 3 3 3 3
C810,811 C813,814 C815,816 C817,818 C821,822			CC45FSL1H101J CQ92FM1H563J CQ92FM1H562J CK45FF1H103Z CC45FSL1H561J	CERAMIC 100PF J MYLAR 0.056UF J MYLAR 5600PF J CERAMIC 0.010UF Z CERAMIC 560PF J		3 3 3 3 3
C823,824 C825,826 C830 C831 C851,852			CE04KW1C220M CK45FF1H102K CK45FF1H103Z CE04KW1E470M CE04KW1H2R2M	ELECTRO 22UF 16WV CERAMIC 1000PF K CERAMIC 0.010UF Z ELECTRO 47UF 25WV ELECTRO 2.2UF 50WV		3 3 3 3 3
C853,854 C855,856 C857 C858 C859,860			CC45FSL1H101J CC45FSL1H471J CC45FSL1H101J CK45FF1H103Z CK45FB1H471K	CERAMIC 100PF J CERAMIC 470PF J CERAMIC 100PF J CERAMIC 0.010UF Z CERAMIC 470PF K		3 3 3 3 3
C861 C862 C871-874 C875,876 C902			CK14B1H103K CC45FSL1H470J CC45FSL1H561J CC45FSL1H120J CE04KW1C470M	CERAMIC AXIAL 0.010UF K CERAMIC 47PF J CERAMIC 560PF J CERAMIC 12PF J ELECTRO 47UF 16WV		3 3 3 3 2,3
D901-907			1N4148M	DIODE		
CP101 CP102 CP201 CP301 CP302		*	E35-1608-08 E35-1615-08 E40-8290-08 E35-1607-08 E35-1606-08	PIN ASSY 2P PIN ASSY 8P FLAT CABLE CONNECTOR 16P PIN ASSY 6P 2.5MM PIN ASSY 5P 2.5MM		
CP601 CP851 CP901 F901 JK651		*	E40-8291-08 E35-1605-08 E40-8301-08 CM1703C E11-0188-05	FLAT CABLE CONNECTOR 29P PIN ASSY 4P FLAT CABLE CONNECTOR 29P INDICATOR TUBU MINIATURE PHONE JACK		
JK801 JK851 JK861			E63-0188-08 E11-0263-08 W02-2620-08	PHONO JACK PHONE JACK OPTICAL RECEIVING MODLE(OUTPUT)		3 2,3
Δ PT101 Δ PT101		*	L07-2591-08 L07-2592-08	POWER TRANSFORMER POWER TRANSFORMER	TE M	
Δ PT101 TP201		*	L07-2593-08 E40-4876-05	POWER TRANSFORMER PIN ASSY 7P	X	
BD851,852 L201 L861 X501 X701		*	L92-0056-08 L33-0574-08 L33-0537-08 L78-0687-08 L78-0687-08	CORE SMALL FIXED INDUCTOR COIL FILTER INDUCTOR CRYSTAL RESONATOR 16.934MHZ CRYSTAL RESONATOR 16.934MHZ		3 1,2 3
XT601			L78-0209-05	RESONATOR CERAMIC		
Δ R100 Δ R107 R801-804 R805-808			RD14GB2E1R0J RD14GB2E1R0J RN14BK2C1002F RN14BK2C4701F	FL-PROOF RD 1 J 1/4W FL-PROOF RD 1 J 1/4W RN 10.0K F 1/6W RN 4.70K F 1/6W		3 3 3 3

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Ref. No	Add-ress	New Parts	Parts No.	Description	Desti-nation	Re-marks
R809-812 VR201		*	RN14BK2C2702F R39-0019-08	RN 27.0K F 1/6W VARIABLE RESISTOR 22KB		3
S901-906 S908-927 SL101 Δ SW101 Δ SW651		*	S70-0059-08 S70-0059-08 S90-0123-08 S68-0101-08 S62-0069-08	TACT SWITCH TACT SWITCH SLIDE SWITCH PUSH SWITCH SELECT SW(SL XL)	M	
Δ D101-104 Δ D106-108 D201 D401-403 D651-658			1N4002A 1N4148M 1N4148M 1N4148M 1N4148M	DIODE DIODE DIODE DIODE DIODE		3
Δ D701,702 Δ IC101 Δ IC102 Δ IC103 IC201			1N4148M TA7808S TA79008S ICP-N20 CXA1571M	DIODE IC(REGULATOR) IC(VOLTAGE REGULATOR/ -8V) IC(PROTECT) IC(CD RF AMP)		
IC302 IC401 IC500 IC501 IC601			NJM4558DD BA5979S CXD2587Q NJM4580D-D CXP82324	IC(OP AMP X2) IC(4CH BTL) IC(DAC DSP) IC(OP AMP X2) IC		1,2
IC602 IC701 IC801-803 Q101 Q201			KIA7042P KAN03 NJM4580D-D 2SA1270(Y) 2SA1270(Y)	IC IC(1 bit DAC(DRIVE)) IC(OP AMP X2) TRANSISTOR TRANSISTOR		3 3
Δ Q301 Δ Q302 Q401 Q801-804 Q805,806			KTA1273Y KTC3205Y 2SA1270(Y) 2SC2878 DTC124ES	TRANSISTOR TRANSISTOR TRANSISTOR TRANSISTOR TRANSISTOR		
ZD101 ZD102 ZD801 ZD802			MTZJ30B MTZJ5.1B MTZJ5.6B MTZJ4.7B	ZENER DIODE ZENER DIODE ZENER DIODE ZENER DIODE		
RM901		*	W02-2663-08	ELECTRIC CIRCUIT MODULE		2,3
MECHANISM ASSY						
1 2 3	3B 1B 3A		A10-3405-08 A15-0090-08 A13-3114-08	MECHA BASE FLAPPER FRAME FEED		
10 11 12 14 15	2B 2B 2B 2B 1A		D13-1754-08 D13-1753-08 D13-1755-08 D16-0703-08 D10-3606-08	GEAR CENTER GEAR PULLEY GEAR LOAD BELT ROD (GUIDE)		
16	1A		D13-1720-08	GEAR (DRIVING)		
20 21 24	2A 3B 2A	*	E40-3264-05 E35-2224-08 E35-2223-08	CONNECTOR S6B-PH WIRE HARNES 5P WIRE HARNES 6P		
25	2A		F07-0783-08	RUBBER STOPPER		

L : Scandinavia K : USA P : Canada R : Mexico C : China I : Malaysia
Y : PX(Far East, Hawaii) T : Europe E : Europe G : Germany V : China(Shanghai)
Y : AAFES(Europe) X : Australia Q : Russia H : Korea M : Other Areas Δ indicates safety critical components.

PARTS LIST

DPF-10101010E/20101010E/301010E

PARTS LIST / SPECIFICATIONS

* New Parts
Parts without **Parts No.** are not supplied.
Les articles non mentionnés dans le **Parts No.** ne sont pas fournis.
Teile ohne **Parts No.** werden nicht geliefert.

Ref. No	Add-ress	New Parts	Parts No.	Description	Desti-nation	Re-marks
26	2B		G09-0657-08	SPRING RACK		
30	2A		G11-2367-08	INSULATOR(4B, GREEN)		
31	2A		G11-2368-08	INSULATOR(30, RED)		
32	2B		J11-0829-08	CLAMPER		
33	1B		J21-6409-08	PLATE CLAMPER		
34	2A		J90-0853-08	GUIDE FRAME		
36	3A		J99-0600-08	TRAY		
41	3B		J31-0874-08	HOLDER SW		
AB			N09-3303-08	SCREW		
AC			N09-3302-08	SCREW WPH 3x8		
AD			N09-3301-08	SCREW		
40	3B		S74-0068-08	SWITCH LEAF		
42	2A		S74-0038-08	LEAF SWITCH		
17	3B		D15-0395-08	PULLEY MOTOR		
45	1B		T99-0579-08	MAGNET CORE		
DM	1A		A11-1062-18	DISC MOTOR ASSY		
FM	2A		T42-0817-08	FEED MOTOR ASSY		
LM	3B		T42-0855-08	MOTOR, DC		
PU	1A		T25-0055-08	PICK UP (KSS-213C)		

L : Scandinavia
Y : PX(Far East, Hawaii)
V : AA(FES)(Europe)
K : USA
T : Europe
X : Australia
P : Canada
E : Europe
Q : Russia
R : Mexico
G : Germany
H : Korea
C : China
V : China(Shanghai)
M : Other Areas
I : Malaysia
A indicates safety critical components.

HOW TO READ THE PARTS LIST

ABBREVIATION OF MODEL AND MASS PRODUCTION'S DESTINATIONS

MODEL	ABB	Australia	Canada	China	England	Europe	Germany	Korea	Malaysia
DPF-1010	1	X	-	-	T	E	-	-	-
DPF-2010	2	X	-	-	T	E	-	-	-
DPF-3010	3	-	-	-	T	E	-	-	-
MODEL	ABB	Mexico	PXA(FES)	Russia	Scandinavia	Shanghai	USA	Other area	
DPF-1010	1	-	-	-	-	-	-	IM	-
DPF-2010	2	-	-	-	-	-	-	IM	-
DPF-3010	3	-	-	-	-	-	-	-	-

Specifications

[Format]

System Compact disc digital audio system
Laser Semiconductor laser

[D/A Convertors]

D/A Conversion 1 Bit
Oversampling 8 fs (352.8 kHz)

[Audio] (for DPF-3010)

Frequency response 4 Hz ~ 20 kHz, ± 0.5 dB
Signal to noise ratio More than 100 dB
Dynamic range More than 95 dB
Total harmonic distortion + noise Less than 0.006% (at 1 kHz)
Channel separation More than 95 dB (at 1 kHz)
Wow & flutter Unmeasurable Limit
Output level/impedance
Variable (Max.) 2.0 V/0.8 k Ω
Digital output
Optical -15 dBm - -21 dBm
(Wave length 660 nm)
Headphone output (Max.) 20 mW (32 Ω)

[Audio] (for DPF-2010/1010)

Frequency response 6 Hz ~ 20 kHz, ± 0.5 dB
Signal to noise ratio More than 94 dB
Dynamic range More than 92 dB
Total harmonic distortion + noise Less than 0.007% (at 1 kHz)
Channel separation More than 90 dB (at 1 kHz)
Wow & flutter Unmeasurable Limit
Output level/impedance
Variable (only DPF-2010) (Max.) 2.0 V/0.8 k Ω
Fixed (only DPF-1010) 2.0 V/0.8 k Ω
Digital output (only DPF-2010)
Optical -15 dBm - -21 dBm
(Wave length 660 nm)

[General]

Power consumption
Australia, Europe and U.K. 12 W
Other countries 14 W
Dimensions W : 440 mm (17-5/16")
H : 95 mm (3-3/4")
D : 370 mm (14-9/16")
Weight (Net) 4.3 kg (9.5 lb)



1. KENWOOD follows a policy of continuous advancements in development. For this reason specifications may be changed without notice.
2. The full performance may not be exhibited in an extremely cold location (under a water-freezing temperature).

Note:

Component and circuit are subject to modification to insure best operation under differing local conditions. This manual is based on Europe (E) standard, and provides information on regional circuit modification through use of alternate schematic diagrams, and information on regional component variations through use of parts list.

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